



Used in Lieu of PTO/SB/08A/B
(Based on PTO 04-07 version)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/520,061-Conf. #5128
				Filing Date	January 5, 2005
				First Named Inventor	Wataru MATSUMOTO
				Art Unit	2112
				Examiner Name	S. W. Rizk
Sheet	1	of	1	Attorney Docket Number	2611-0229PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)			
/SR/	BA	WO-2004/006444-A1	01-15-2004			✓
/SR/	BB	WO-03/073621-A1	09-04-2003			✓
/SR/	BC	WO-03/056705-A1	07-10-2003			✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SR/	CA	Vasic et al., "Lattice Low-Density Parity Check Codes and Their Application in Partial Response Systems" <i>ISIT</i> , pg. 453 (2002)	
	CB	Matsumoto et al., "Irregular extended Euclidean geometry low-density parity-check codes" <i>International Symposium on Communication Systems Networks and Digital Signal Processing</i> , pp. 148-151 (2002)	
	CC	Matsumoto et al., "Irregular Low-Density Parity-Check Code Design Based on Euclidean Geometries" <i>IEICE Trans. Fundamentals</i> , Vol. E86-A, No. 7 (2003)	
	CD	Matsumoto et al., "Irregular Low-Density Parity-Check Code Design Based on Integer Lattices" <i>ISIT</i> , p. 3 (2003)	
	CE	Rosenthal et al., "Constructions of Regular and Irregular LDPC Codes Using Ramanujan Graphs and Ideas from Margulis" <i>ISIT</i> , p. 4 (2001)	
	CF	Vontobel et al., "Irregular Codes from Regular Graphs" <i>ISIT</i> , p. 284 (2002)	
	CG	Chiani et al., "Design and Performance Evaluation of Some High-Rate Irregular Low-Density Parity-Check Codes" <i>IEEE Global Telecommunications Conference</i> , pp. 990-994 (2001)	
	CH	Rosenthal et al., "Constructions of LDPC Codes Using Ramanujan Graphs and Ideas from Margulis" <i>Proc., 38th Allerton Conference on Communication</i> , pp. 1-10 (2000)	
/SR/	CI	Chung et al., "Analysis of Sum-Product Decoding of Low-Density Parity-Check Codes Using a Gaussian Approximation" <i>IEEE Trans., on Information Theory</i> , Vol. 47, No. 2, pp. 657-670 (2001)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Samir Rizk/ (07/20/2007)	Date Considered	
-----------------------	---------------------------	--------------------	--